



JSM ENERGY MIDDLE EAST
“ for expert solutions ”

Advanced Lightning Protection System

Solar Water Heating System

Safety Isolators & Switches

Cable Management System

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JSM ENERGY MIDDLE EAST FZ



About Us

JSM Energy Middle East is a solutions provider, importer, re-exporter, and distributor of Renewable Solar Energy, Earthing and Lightning Protection Systems, Safety Isolators and Cable Management Systems.

Our team consist of well experienced Engineers, Technician and skilled staff that has remarkable knowledge of understanding and excellence in their respective fields. Our objective is to satisfy the needs of our customers, anticipating their aspirations and responding creatively with technologically superior solutions. To this, we bring our wealth of knowledge and expertise to the service of our customers.

We have successfully executed several engineering service contracts and provided engineering solutions with regionally recognized customers. We assure you that with our complete capabilities and after sales service JSM Energy would be your ultimate source for the most reliable and cost effective solutions.

for expert solutions

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Earthing & Advanced
Lightning Protection System

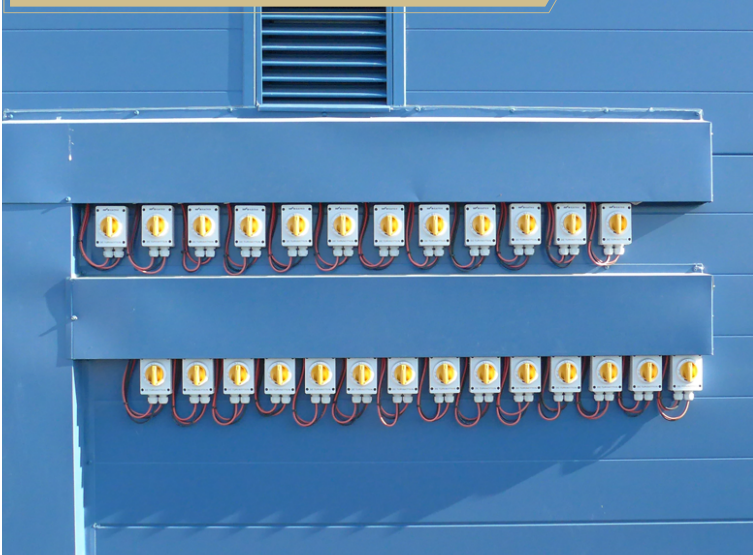


Solar Water
Heating System

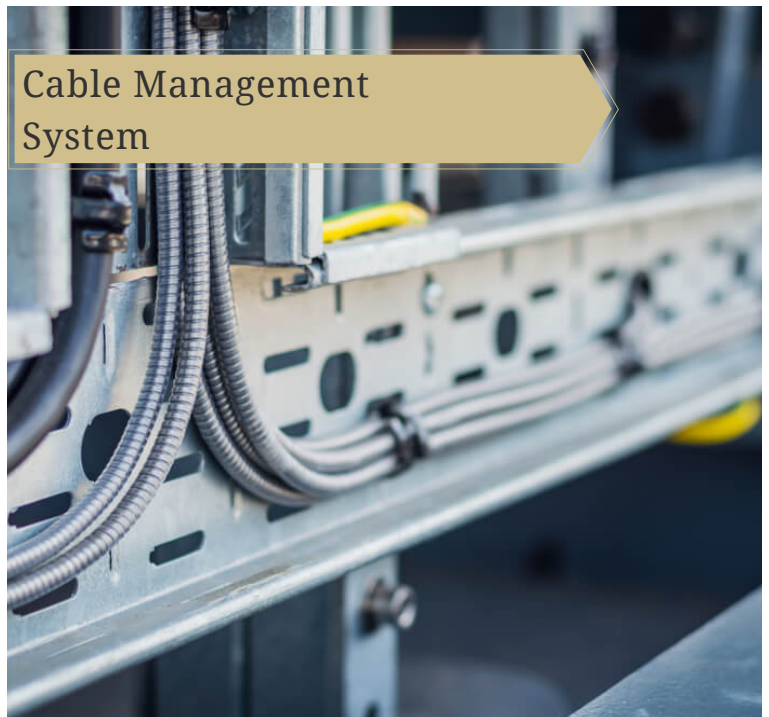


OUR SOLUTIONS

Safety Isolators &
Disconnecting Switches



Cable Management
System





Earthing & Advanced Lightning Protection System



Since founded more than 30 years ago Aplicaciones Tecnológicas (AT), Spain has been known for innovation, quality and reliability. AT product line offers the advanced technology required to protect sensitive equipments through the use of Early Streamer Emission (ESE) terminals for Lightning Protection.

We provide all technologies for Earthing and Lightning Systems Protection. Our Principles designed and manufactured products and systems design advice along with our in house supervision testing and commissioning we can provide total solution for your lightning protection and Earthing needs.

Our areas of specialization include the research, development, manufacturing, commercialisation, installation and revision of:

- **Earthing**
- **External & Internal Protection**
- **Exothermic Welding**
- **Preventive Protection**
- **Standards :- IEC/EN 62305,NFC 17102,UNE 21186**

We assure you that with our complete capabilities and sales support JSM Energy Middle East would be your ultimate source for the most reliable and cost effective solutions for Lightning Protection System Dubai ,UAE.





Solar Water Heating System



Solar Hot Water Systems use free heat from the sun to warm domestic hot water. A conventional boiler or immersion heater can be used to make the water hotter, or to provide hot water when solar energy is unavailable.

The benefits of Solar Water Heater in Middle East:

Hot Water throughout the year. The system works all year round, though you'll need to heat the water further with a boiler or immersion heater during the winter months.

Reduced Energy Bills: Sunlight is free, so once you've paid for the initial installation your hot water costs will be reduced.

Lower carbon footprint: Solar hot water is a green, renewable heating system and can reduce your carbon dioxide emissions.

Solar Water Heating Systems can be categorized in two;

1. **Natural Circulation Solar System:** Production of domestic hot water, usually available in capacities of 200 & 300 Litres.
2. **Forced Circulation System:** Requirements with higher volume, The standard capacities are available from 200 up to 5000 Litres & even to 10000 Litres storage as single system. Larger capacities also possible with multiple configurations of the units.

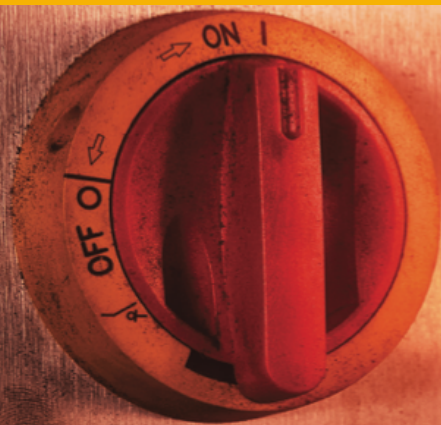
ARISTON SOLAR SYSTEM

30 Years of experience at your service When You Install an Ariston solar system at your home, You are not simply installing a product; You are bringing at your home 30 Years of experience, system design, products test and evolution





Safety Isolater & Disconnecting Switches



Katko is a Finnish family business specialising in safety switches, load break switches and fused switches with more than 70 years of experience. Every Katko products are designed and manufactured in their own factories. Th challenging Finnish climate creates a basis for developing switches that work in all conditions across the globe. Switches without compromises.



EMC SWITCHES 10-630A

- Electromagnetic compatibility ensures safe operation in environments with electromagnetic disturbance
- Tested according to EMC EN 61000-6-3:2007+A1(2011) with EMC- glands shielded power cable
- Available in polycarbonate up to 125 A, aluminium up to 160 A and sheet steel up to 630 A
- Also available in TR02, TR03 and TR04 enclosures
- Padlockable
- EMC cable glands included
- Door interlock with defeat mechanism
- Tested according to IEC 60947-3
- Also available with 4, 6 or 8-poles

LOAD BREAK SWITCHES 200-250A

- Compact size
- 3-pole and 4-pole VKA-switches as standard
- 2-pole upon request
- Switch technology by means of silver contacts ensures safe and durable operation
- 4-pole versions with early-make and late-break neutral pole
- Handle LK12 and shaft L=228 AD12/T6 included, suitable for 250 mm panel board
- Terminal covers LS/VKAC and phase barriers VS/VKAC enable safe use
- Tested according to IEC 60947-3





Delta Cable Tray

Delta Cable trays are manufactured for the smooth and easy pulling of cable from one point to another to BS EN 61537:2002. We have designed the best cable trays, by taking care of cable loads and practical site problems. Wherever possible all fitting are made of state of art single piece construction. Slotting Patterns are in such a way that it enables the easy cutting and joining at any point without drilling at site. Design allows greater cable filling capacity and smooth turning at bends





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GET IN TOUCH

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